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**TRANSMITTAL
FORM**

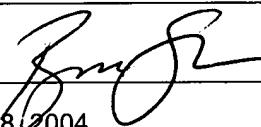
(to be used for all correspondence after initial filing)

		Application Number	10/769,834
		Filing Date	February 2, 2004
		First Named Inventor	Krivitski, Nikolai M. et al.
		Art Unit	3736
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	
		86017.000038	

ENCLOSURES (check all that apply)

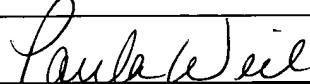
<input type="checkbox"/> Fee Transmittal <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavit/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communications to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): Statement Under 37 CFR 3.73(b); Certificate of Mailing Acknowledgement Postcard
<input type="checkbox"/> Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Brian B. Shaw, Registration No. 33,782 HARTER, SECREST & EMERY LLP	
Signature		
Date	May 18, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

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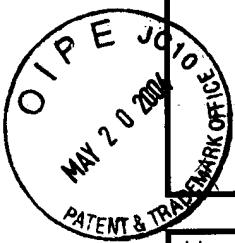
Type or printed name	Paula Weil		
Signature		Date	May 18, 2004

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**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM**



Application Number	10/769,834
Filing Date	February 2, 2004
First Named Inventor	Krivitski, Nikolai M. et al.
Title	BLOOD VOLUME DETERMINATION AND SENSOR CALIBRATION
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	86017.000038

I hereby appoint:

Practitioners at Customer Number 23387

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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OR

The address associated with Customer Number: 23387

OR

<input type="checkbox"/> Firm or Individual Name			
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Address			
City	State	Zip	
Country			
Telephone	Fax		

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Cornelis J. Drost, President of Transonic Systems, Inc.		
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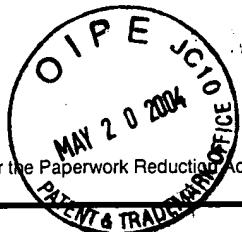
Signature	<i>Cornelis J. Drost</i>		
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Date	4-12-04	Telephone:	607-257-5307
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NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

*Total of _____ forms are submitted.

The collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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PTO/SB/96 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Transonic Systems, Inc.

Application No./Patent No.: 10/769,834

Filed/Issue Date: February 2, 2004

Entitled: BLOOD VOLUME DETERMINATION AND SENSOR CALIBRATION

Transonic Systems, Inc. , a corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. the assignee of the entire right, title, and interest; or

2. an assignee of less than the entire right, title and interest.

The extent (by percentage) of its ownership interest is %
in the patent application/patent identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 13825, Frame 0532, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplement sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to the Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

A-12-04

Date

607-257-5300

Telephone number

Cornelis J. Drost

Typed or printed name

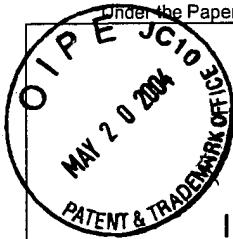
Cornelis J. Drost

Signature

President

Title

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Certificate of Mailing under 37 CFR 1.8

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On May 18, 2004
Date

Paula Weil
Signature

Paula Weil

Typed or printed name of person signing Certificate

Note: Each paper must have its own certificates of mailing, or this certificate must identify each submitted paper.

ENCLOSED ARE:

Transmittal Form (1 page);
Power of Attorney - Executed (1 page);
Statement Under 37 CFR 3.73(b) - Executed (1 page);
Certificate of Mailing (1 page);
Acknowledgement Postcard (1)

Attorney Docket No. 86017.000038

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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